



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>PHRM-0332</b> <b>(00145.US1)</b>	Serial No. <b>09/828,432</b>
		Applicant <b>Gabriel Vogeli, et al.</b>	
		Filing Date <b>April 6, 2001</b>	Group <b>Not Yet Assigned</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
2	AA	Akane, A., et al., "direct dideoxy sequencing of genomic DNA by ligation-mediated PCR." <i>Biotechniques</i> , <b>1994</b> , 16(2), 238-241 (page 239 - advertisement)	
2	AB	Altschul, S.F., et al., "Basic local alignment search tool." <i>J. Mol. Biol.</i> , <b>1990</b> , 215, 403-410	
2	AC	American Veterinary Medical Association. <i>Report of the American Veterinary Medical Assoc.</i> , Panel on Euthanasia. <i>Journal of American Veterinary Medical Assoc.</i> , <b>1993</b> , 202, 229-249	
2	AD	Anderson, W.F., "Human gene therapy." <i>Science</i> , <b>1992</b> , 256, 808-813	
2		Anderson, W.F., "Human gene therapy." <i>Nature</i> , <b>1998</b> , Supplement to Vol. 392(6679), 25-30	
2	AE	Aukrust, P., et al., "Enhanced levels of soluble and membrane-bound CD40 ligand in patients with unstable angina: Possible Reflection of T lymphocyte and platelet involvement in the pathogenesis of acute coronary syndromes." <i>Circulation</i> , <b>1999</b> , 100, 614-620	
*	AF	<del>Ausubel, et al. (Eds.), <i>Protocols in Molecular Biology</i>, 1994, John Wiley &amp; Sons, 6:0.1-6.4.10</del>	
*	AG	<del>Ausubel, et al. (Eds.), <i>Current Protocols in Molecular Biology</i>, New York, 1987-1999, John Wiley &amp; Sons, Inc.</del>	
*	AH	<del>Ausubel, F.M., et al., <i>Short Protocols in Molecular Biology</i>, 4th Ed., 1992, Greene &amp; Wiley Interscience, New York</del>	
2	AI	Baindur, N., et al., "Selective fluorescent ligands for pharmacological receptors." <i>Drug Dev. Res.</i> , <b>1994</b> , 33, 373-398	
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	<b>AJ</b>	Benoist, C., et al., "In vivo sequence requirements of the SV40 early promoter region," <i>Nature</i> , <b>1981</b> , 290, 304-310	
*	<b>AK</b>	<del>Berger, et al., <i>Guide to Molecular Cloning Techniques</i>, Methods in Enzymology 152, Academic Press, Inc., San Diego, CA</del>	
	<b>AL</b>	Bohm, S.K., et al., "Regulatory mechanisms that modulate signalling by G-protein-coupled receptors," <i>Biochem. J.</i> , <b>1997</b> , 322, 1-18	
	<b>AM</b>	Bossé, R., et al., "Development of nonseparation binding and functional assays for G protein-coupled receptors for high throughput screening: Pharmacological characterization of the immobilized CCR5 receptor on FlashPlate®," <i>J. Biomolecular Screening</i> , <b>1998</b> , 3(4), 285-292	
	<b>AN</b>	Boulton, T.G., et al., "ERKs: A family of protein-serine/threonine kinases that are activated and tyrosine phosphorylated in response to insulin and NGF," <i>Cell</i> , <b>1991</b> , 65, 663-675 Boulton, T.G., et al., "ERKs: A family of protein-serine/threonine kinases that are activated and tyrosine phosphorylated in response to insulin and NGF," <i>Cell</i> , <b>1991</b> , 65, 663-675	
	<b>AO</b>	Breedon, L., et al., "Regulation of the yeast HO gene," <i>Cold Spring Harb. Symp. Quant. Biol.</i> , <b>1985</b> , Vol. 1, <i>Molecular Biology of Development</i> , 643-650	
	<b>AP</b>	Broeck, V., "G-protein-coupled receptors in insect cells," <i>Int. Rev. Cytology</i> , <b>1996</b> , 164, 189-268	
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	<b>AQ</b>	Capecchi, M.R., "Altering the genome by homologous recombination," <i>Science</i> , <b>1989</b> , 244, 1288-1292	
	<b>AR</b>	Chambers, R.C., et al., "Thrombin stimulates fibroblast procollagen production via proteolytic activation of protease-activated receptor 1," <i>Biochem J.</i> , <b>1998</b> , 333, 121-127	
	<b>AT</b>	Choo, Y., et al., "Promoter-specific activation of gene expression directed by bacteriophage-selected zinc fingers," <i>J. Mol. Biol.</i> , <b>1997</b> , 273, 525-532	
	<b>AU</b>	Cicala, C., et al., "Bronchoconstrictor effect of thrombin and thrombin receptor activating peptide in guinea-pigs in vivo," <i>Br. J. Pharmacol.</i> , <b>1999</b> , 126, 478-484	
	<b>AV</b>	Cirino, G., et al., "Thrombin functions as an inflammatory mediator through activation of its receptor," <i>J. Exp. Med.</i> , <b>1996</b> , 183, 821-827	
*	<b>AW</b>	<del>Cobbold, et al., "Aequorin measurements of cytoplasmic free calcium," In: McCormack J.G., et al. (Eds.), <i>Cellular Calcium: A Practical Approach</i>, 1991, Oxford, IRL Press</del>	
	<b>AX</b>	Colotta, F., et al., "Expression of monocyte chemotactic protein-1 by monocytes and endothelial cells exposed to thrombin," <i>Am. J. Pathol.</i> , <b>1994</b> , 144, 975-985	
	<b>AY</b>	Conklin, B.R., et al., "Substitution of three amino acids switches receptor specificity of G <sub>q</sub> α to that of G <sub>i</sub> α," <i>Nature</i> , <b>1993</b> , 363, 274-276	
	<b>AZ</b>	Cosman, D., et al., "High level stable expression of human interleukin-2 receptors in mouse cells generates only low affinity interleukin-2 binding sites," <i>Mol. Immunol.</i> , <b>1986</b> , 23(9), 935-941	
	<b>BA</b>	Cosman, D., et al., "Cloning, sequence and expression of human interleukin-2 receptor," <i>Nature</i> , <b>1984</b> , 312, 768 Cosman, D., et al., "Cloning, sequence and expression of human interleukin-2 receptor," <i>Nature</i> , <b>1984</b> , 312, 768-771	
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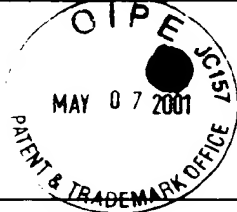
*	BB	<i>Current Protocols in Molecular Biology</i> , 1999, John Wiley & Sons, New York.
✓	BC	Dayoff, in <i>Atlas of Protein Sequence and Structure</i> , 1972, National Biochemical Research Foundation, Washington, D.C., 5, 124
✓	BD	DiCuccio, M.N., et al., "A functional tethered ligand thrombin receptor is present on human hematopoietic progenitor cells," <i>Exp. Hematol</i> , 1996, 24, 914-918
✓	BE	Donovan, F.M., et al., "Thrombin induces apoptosis in cultured neurons and astrocytes via a pathway requiring tyrosin kinase and RhoA activities," <i>J. Neurosci</i> , 1997, 17(14), 5316-5326
✓	BF	Dooley, C.T., et al., "Binding and in vitro activities of peptides with high affinity for the nociceptin/orphanin FQ receptor, ORL1," <i>J. Pharmacology and Experimental Therapeutics</i> , 1997, 283(2), 735-741
✓	BG	Douglas, A.M., et al., "Direct sequencing of double-stranded PCR products incorporating a chemiluminescent detection procedure," <i>Biotechniques</i> , 1993, 14, 824-828
✓	BH	Drmanac, S., et al., "Accurate sequencing by hybridization for DNA diagnostics and individual genomics," <i>Nature Biotechnology</i> , 1998, 16, 54-58
✓	BI	Dunlop, J., et al., "Characterization of 5-HT <sub>1A</sub> receptor functional coupling in cells expressing the human 5-HT <sub>1A</sub> receptor as assessed with the cytosensor microphysiometer," <i>J. Pharmacological and Toxicological Methods</i> , 1998, 40(1), 47-55
*	BJ	Eisenthal, R., et al. (Eds.), <i>A Practical Approach</i> , 1992, Oxford University Press
✓	BK	Fields, S., et al., "A novel genetic system to detect protein-protein interactions," <i>Nature</i> , 1989, 340, 245-246

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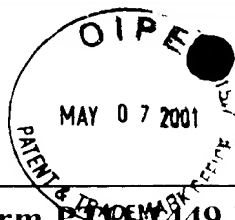


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	<b>BM</b>	Fischer, S.G., et al., "DNA fragments differing by single base-pair substitutions are separated in denaturing gradient gels: Correspondence with melting theory," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1983</b> , 80, 1579-1583	
	<b>BN</b>	Frandsen, E.K., et al., "A simple ultrasensitive method for the assay of cyclic AMP and CMP in tissues," <i>Life Sciences</i> , <b>1976</b> , 529-542	
	<b>BO</b>	Friedmann, T., "Progress toward human gene therapy," <i>Science</i> , <b>1989</b> , 244, 1275-1281	
	<b>BP</b>	George, S.E., et al., "Evaluation of a CRE-directed luciferase reporter gene assay as an alternative to measuring cAMP accumulation," <i>J. Biomolecular Screening</i> , <b>1997</b> , 2(4), 235-240	
	<b>BQ</b>	Gerhardt, C.C., et al., "Functional characteristics of heterologously expressed 5-HT receptors," <i>Eur. J. Pharmacology</i> , <b>1997</b> , 334, 1-23	
	<b>BR</b>	Gill, J.S., et al., "Thrombin induced inhibition of neurite outgrowth from dorsal root ganglion neurons," <i>Brain Res.</i> , <b>1998</b> , 797, 321-327	
	<b>BS</b>	Grabham, P., et al., "Thrombin receptor activation stimulates astrocyte proliferation and reversal of stellation by distinct pathways: involvement of tyrosine phosphorylation," <i>J. Neurochem</i> , <b>1995</b> , 64, 583-591	
	<b>BT</b>	Greisman, H.A., et al., "A general strategy for selecting high-affinity zinc finger proteins for diverse DNA target sites," <i>Science</i> , <b>1997</b> , 275, 657-661	
	<b>BU</b>	Guan, X.M., et al., "Enhancement of membrane insertion and function in a type Iib membrane protein following introduction of a cleavable signal peptide," <i>J. Biol. Chem.</i> , <b>1992</b> , 267, 21995-21998	
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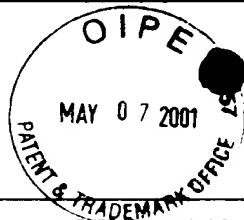
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*	BV	<del>Harlow, et al. (Eds.), <i>Antibodies A Laboratory Manual</i>, 1988, Cold Spring Harbor Laboratory, Cold Spring Harbor, New York</del>	
	BW	Hauck, R.W., et al., "α-thrombin stimulates contraction of human bronchial rings by activation of protease-activated receptors," <i>Am J. Physiol.</i> , <b>1999</b> , 277, L22-L29	
*	BX	<del>Haugland, <i>Handbook of Fluorescent probes and Research Chemicals</i>, 6th Ed., 1996, Eugene OR: Molecular Probes</del>	
*	BY	<del>Hendrix, R.W., (Ed.), <i>Lambda II</i>, 1980, Cold Spring Harbor Press, Cold Spring Harbor, New York</del>	
	BZ	Henikoff, S., et al., "Amino acid substitution matrices from protein blocks," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1992</b> , 89, 10915-10919	
*	CA	<del>Hershey, A.D., (Ed.), <i>The Bacteriophage Lambda</i>, 1973, Cold Spring Harbor Press, Cold Spring Harbor, New York</del>	
	CB	Hill, D.C., "Trends in development of high-throughput screening technologies for rapid discovery of novel drugs," <i>Cur. Opinion Drug Disc. Dev.</i> , <b>1998</b> , 1, 92-97	
	CC	Hinuma, S., et al., "A prolactin-releasing peptide in the brain," <i>Nature</i> , <b>1998</b> , 393, 272-276	
	CD	Hodgson, J., "Receptor screening and the search for new pharmaceuticals," <i>Bio/Technology</i> , <b>1992</b> , 10, 973-980	
	CE	Hoffman, M., et al., "Thrombin enhances monocyte secretion of tumor necrosis factor and interleukin-1 beta by two distinct mechanisms," <i>Blood Cells Mol Dis</i> , <b>1995</b> , 21, 156-167	
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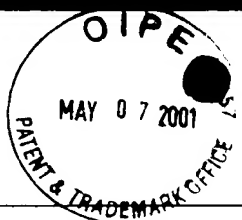
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✓	CF	Jayawickreme, C.K., et al., "Gene expression systems in the development of high-throughput screens, <i>Current Opinion in Biotechnology</i> , <b>1997</b> , 8, 629-634	
✓	CG	Jones, P.T., et al., "Replacing the complementarity-determining regions in a human antibody with those from a mouse," <i>Nature</i> , <b>1986</b> , 321, 522-525	
✓	CH	Kanterman, R.Y., et al., "Transfected D <sub>2</sub> dopamine receptors mediate the potentiation of arachidonic acid release in chinese hamster ovary cells," <i>Molecular Pharmacology</i> , <b>1991</b> , 39, 364-369	
✓	CI	Karlin, S., et al., "Applications and statistics for multiple high-scoring segments in molecular sequences," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1993</b> , 90, 5873-5787	
✓	CJ	Kieleczawa, J., et al., "DNA sequencing by primer walking with strings of contiguous hexamers," <i>Science</i> , <b>1992</b> , 258, 1787-1791	
✓	CK	Kim, J., et al., "Design of TATA box-binding protein/zinc finger fusions for targeted regulation of gene expression," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1997</b> , 94, 3616-3620	
✓	CL	Kobilka, B.K., "Amino and carboxyl terminal modifications to facilitate the production and purification of a G protein-coupled receptor," <i>Analytical Biochemistry</i> , <b>1995</b> , 231(1), 269-271	
✓	CM	Kowal, D., et al., "A [ <sup>35</sup> S]GTPγS binding assessment of metabotropic glutamate receptor standards in chinese hamster ovary cell lines expressing the human metabotropic receptor subtypes 2 and 4," <i>Neuropharmacology</i> , <b>1998</b> , 37, 179-187	
*	CN	<del>Kruss, et al. (Eds.), <i>Tissue Culture</i>, <b>1973</b>, Academic Press</del>	
✓	CO	Kuntzweiler, T.A., et al., "Rapid assessment of ligand actions with nicotinic acetylcholine receptors using calcium dynamics and FLIPR," <i>Drug Development Research</i> , <b>1998</b> , 44(1), 14-20	
✓	CP	Lajiness et al., "D2 dopamine receptor stimulation of mitogenesis in transfected chinese hamster ovary cells: relationship to dopamine stimulation of tyrosine phosphorylations", <i>J. Pharm. Exp. Ther.</i> , <b>1993</b> , Vol. 267, No. 3, 1573-158	
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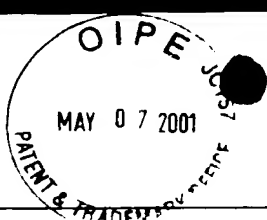
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✓	CQ	Lehninger, <i>Biochemistry</i> , 2 <sup>nd</sup> Ed., 1975, Worth Publishers, Inc., New York, New York, 71-77	
✓	CR	Lin, A.H., et al., "The oxazolidinone eperezolid binds to the 50S ribosomal subunit and competes with binding of chloramphenicol and lincomycin," <i>Antimicrobial Agents and Chemotherapy</i> , 1997, 41(10), 2127-2131	
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✓	CT	Luckow, V.A., et al., "Trends in the development of baculovirus expression vectors," <i>Bio/Technology</i> , 1988, 6, 47-55	
✓	CU	Maxam, A.M., et al., "Sequencing end-labeled DNA with bse-specific chemical cleavages", <i>Meth. Enzymol.</i> , 1977, Vol. 65, 499-560	
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✓	CW	Miller, A.D., "Human gene therapy comes of age", <i>Nature</i> , 1992, Vol. 357, pp. 455-460	
✓	CX	Mirzabekov, A.D., "DNA sequencing by hybridization - A megasequencing method and a diagnostic tool?", <i>TIBTECH</i> , 1994, Vol. 12, 27-32	
✓	CY	Morris, R., et al., "Thrombin receptor expression in rheumatoid and osteoarthritic synovial tissue", <i>Ann. Rheum. Dis.</i> , 1996, Vol. 55, 841-843	
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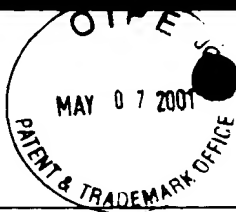


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	<b>CZ</b>	Morrison, et al., "Genetically engineered antibody molecules," <i>Adv. Immunol.</i> , <b>1989</b> , 44, 65-92		
	<b>DA</b>	Murphy, A.J., et al., "From DNA to drugs: the orphan G-protein coupled receptors," <i>Cur. Opinion Drug Disc. Dev.</i> , <b>1998</b> , 1(2), 192-199		
	<b>DB</b>	Myers, R.M., et al., "Detection of single base substitutions by ribonuclease cleavage at mismatches in RNA: DNA duplexes", <i>Science</i> , <b>1985</b> , Vol. 230, 1242-1246		
	<b>DC</b>	Myers, P., "Will combinatorial chemistry deliver real medicines," <i>Curr. Opin. Biotechnology</i> , <b>1997</b> , 8, 701-707		
	<b>DD</b>	Nakayama, G.R., "Microplate assays for high-throughput screening," <i>Cur. Opinion Drug Disc. Dev.</i> , <b>1998</b> , 1, 85-91		
	<b>DE</b>	Naldini, A., et al., "Thrombin modulation of natural killer activity in human peripheral lymphocytes," <i>Cell Immunol</i> , <b>1996</b> , 172, 35-42		
*	<b>DF</b>	<del>O'Rielly, et al. (Eds.), <i>Baculovirus Expression Vectors: A Laboratory Manual</i>, <b>1992</b>, W.H. Freeman and Company, New York</del>		
	<b>DG</b>	Okayama, H., et al., "A cDNA cloning vector that permits expression of cDNA inserts in mammalian cells," <i>Mol. Cell. Biol.</i> , <b>1983</b> , 3(2), 80-289		
	<b>DH</b>	Orita, M., et al., "Detection of polymorphisms of human DNA by gel electrophoresis as single-strand conformation polymorphisms," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1989</b> , 86, 2766-2770		
*	<b>DI</b>	<del>Osol, A. (Ed.), <i>Remington's Pharmaceutical Sciences</i>, 16<sup>th</sup> Ed., <b>1980</b></del>		
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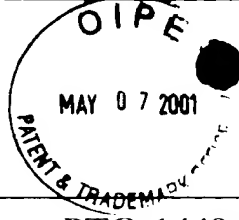


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✓	<b>DJ</b>	Parodi, L.A., et al., "A consensus procedure for predicting the location of $\alpha$ -helical transmembrane segments in proteins." <i>Comput. Appl. Biosci.</i> , <b>1994</b> , 10(5), 527-535	
✓	<b>DK</b>	Pastinen, T., et al., "Minisequencing: A specific tool for DNA analysis and diagnostics on oligonucleotide arrays." <i>Genome Res.</i> , <b>1997</b> , 7, 606-614	
✓	<b>DL</b>	Pausch, M.H., "G-protein-coupled receptors in saccharomyces cerevisiae: high-throughput screening assays for drug discovery," <i>Trends in Biotechnology</i> , <b>1997</b> , 15, 487-494	
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✓	<b>DN</b>	Pindon, A., et al., "Thrombin-induced reversal of astriocyte stellation is mediated by activation of protein kinase C $\beta$ -1," <i>Eur. J. Biochem.</i> , <b>1998</b> , 255, 766-774	
✓	<b>DO</b>	Ramsay, G., "DNA chips: state-of-the-art," <i>Nature Biotechnology</i> , <b>1999</b> , 16, 40-48	
✓	<b>DP</b>	Reinsheid, R.K., et al., "Orphanin FQ: A neuropeptide that activates an opioidlike G protein-coupled receptor," <i>Science</i> , <b>1996</b> , 270, 792-794	
✓	<b>DQ</b>	Riechmann, L., et al., "Reshaping human antibodies for therapy," <i>Nature</i> , <b>1988</b> , 332, 323-327	
✓	<b>DR</b>	Riesner, D., et al., "Temperature-gradient gel electrophoresis of nucleic acids: Analysis of conformational transitions, sequence variations, and protein-nucleic acid interactions," <i>Electrophoresis</i> , <b>1989</b> , 10, 377-389	
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		Applicant <b>Gabriel Vogeli, et al.</b>	
		Filing Date <b>April 6, 2001</b>	Group <b>Not Yet Assigned</b>
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	<b>DW</b>	Sakurai, T., et al., "Orexins and orexin receptors: A family of hypothalamic neuropeptides and G protein-coupled receptors that regulate feeding behavior," <i>Cell</i> , <b>1998</b> , 92, 573-585	
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	<b>DZ</b>	Schafer, A.J., et al., "DNA variation and the future of human genetics," <i>Nature Biotechnology</i> , <b>1998</b> , 16, 33-39	
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	<b>EB</b>	Segal, D.J., et al., "Toward controlling gene expression at will: Selection and design of zinc finger domains recognizing each of the 5'-GNN-3' DNA target sequences," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1999</b> , 96, 2758-2763	
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\* A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.



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✓	EP	Tempest, P.R., et al., "Reshaping a human monoclonal antibody to inhibit human respiratory syncytial virus infection <i>in vivo</i> ," <i>Bio/Technology</i> , <b>1991</b> , 9, 266-271	
2	EQ	Turgeon, V.L., et al., "Thrombin perturbs neurite outgrowth and induces apoptotic cell death in enriched chick spinal motoneuron cultures through caspase activation," <i>J. Neurosci</i> , <b>1998</b> , 18(17), 6882-6891	
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Patent and Trademark OfficeDocket No.  
**PHRM-0332**  
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**09/828,432**Applicant  
**Gabriel Vogeli, et al.**Filing Date  
**April 6, 2001**Group  
**Not Yet Assigned****U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>2</i>	<b>EY</b>	4,399,216	08/16/83	Axel, et al.	435	6
<i>~</i>	<b>EZ</b>	4,683,195	07/28/87	Mullis, et al.	435	6
<i>2</i>	<b>FA</b>	4,683,202	07/28/87	Mullis	435	6
<i>~</i>	<b>FB</b>	4,879,236	11/07/89	Smith, et al.	435	235
<i>2</i>	<b>FC</b>	5,202,231	04/13/93	Drmanac, et al.	435	6
<i>2</i>	<b>FD</b>	5,521,065	05/28/96	Whiteley, et al.	435	6
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Examiner Initial		Document No.	Date	Country	Translation YES NO	
<i>6</i>	<b>FG</b>	0 367 566	05/09/90	EPO		
<i>~</i>	<b>FH</b>	WO 91/09955	07/11/91	PCT		
<i>~</i>	<b>FI</b>	WO 91/18982	12/12/91	PCT		
<i>~</i>	<b>FJ</b>	WO 92/20808	11/26/92	PCT		
<i>~</i>	<b>FK</b>	WO 93/11236	06/10/93	PCT		
<i>~</i>	<b>FL</b>	WO 94/12650	06/09/94	PCT		
<i>~</i>	<b>FM</b>	WO 95/20652	08/03/95	PCT		
<i>~</i>	<b>FN</b>	WO 96/22976	08/01/96	PCT		
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EXAMINER *John L...*DATE CONSIDERED *3-20-01*